

RECEIVED

MAY 14 200 PATENT (OUS)

COMBINED DECLARATION AND POWER OF ATTORNEY MAIL ROOM (ORIGINAL, DESIGN, NATIONAL STAGE OF PCT)

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title:

OPTICAL FIBRE LASER

the specification of which

is attached hereto, or []

[X]

was filed as United States Application or PCT International Application (give Express Mail label number and deposit date if Application number not yet known): Application No.:

(Express Mail Label No.)

Filing Date:

(Deposit Date)

Amended on (if applicable):

09/688.688

October 16, 2000

I hereby state that I have reviewed and understand the contents of the above identified specification including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title of Federal Regulations §1.56(a).

PRIORITY CLAIM

I hereby claim priority benefits under Title 35, United States Code, §119 of (i) any foreign application (s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed; and (ii) any United States provisional application(s) that is/are listed below.

[]	no such applications have been filed.
ίχi	such applications have been filed as follows

EARLIEST FOREIGN/PROVISIONAL APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

			PRIORITY CLAIMED	
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	Yes	No
wo	PCT/GB99/01105	9 April 1999	х	
GB	9808265.4	17 April 1998	х	

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

RECEIVED
2-1 FEET 2001 CENTRE FOR ENTERPRISE
AND INNOVATION

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Armand P. Boisselle, Reg. No. 22,381; Warren A. Sklar, Reg. No. 26,373; Don W. Bulson, Reg. No. 28,192

The undersigned to this declaration and power of attorney hereby authorizes the U.S. attorney(s) named herein to accept and follow instructions from

Authorized representative: D. Young & Co., Briton House, Briton Street, Southampton SO14 3EB, UNITED

KINGDOM

as to any actions to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney(s) and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorney(s) will be so notified by the undersigned.

Send Correspondence To

Direct Telephone Calls To:

(name and telephone number)

Don W. Bulson, Esq. Renner, Otto, Boisselle & Sklar, LLP 1621 Euclid Ave., 19th Floor Cleveland, Ohio 44115

Don W. Bulson

(216) 621-1113

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued therein.

Full Name of Sole or First Inventor: Richard Ian Laming						
Inventor's signature:			Date:			
Residence: (City & State/Country):		Edinburgh/United Kingdom	Citizenship:	United Kingdom		
Post Office Address:	6 Braid M Edinburgh United Kir	EH10 6JL				

Full Name of Additional Joint Inventor (if any): Michael Nickolaos Zervas					
Inventor's signature:		MEDDE		Date:	23 02 01
Residence: (City & Sta	te/Country):	Hampshire/United King	gdom	Citizenship:	Greece
Post Office Address:	Avenue F Southam	pton re SO14 0TP			

CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH FORM A PART OF THIS DECLARATION

į į	Signature for additional joint inventors. Added page to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (CIP) application.
[]	This declaration ends with this page. STIPATENT(Comb.Dec. & Power (D-OUS-1).wpd D-OUS-1 (12/00)

Full Name of Add	itional Joir	nt Inventor <i>(if any)</i> :	Sze Yun Set		
Inventor's signature:				Date:	
Residence: (City & Stat	e/Country):	Tokyo/Japan		Citizenship:	Japan
Post Office Address:	1-2-20-40 Minami Meguro-ki Tokyo 152 Japan	u			
P. 11 Marian - 2 A and a		at Inventor (if any)	Morten ibsen		
	itional Joir	nt Inventor (if any):	Morten ibsen	Date:	
Inventor's signature:				1	Linite di Kinadan
Residence: (City & Stat	te/Country):	Hampshire/United King	gdom	Citizenship:	United Kingdor
	10 Summ Southamp Hampshir United Kir	oton e SO18 4ST			
Full Name of Add	itional Joir	nt Inventor <i>(if any)</i> :	Erland Ronnekle	iv	
Inventor's signature:				Date:	
Residence: (City & Sta	te/Country):	Trondheim/Norway		Citizenship:	Norway
Post Office Address:	Sig. Jorsa N-7017 T Norway	ulfars v. 23B rondheim			
	-				
Full Name of Add	itional Joi	nt Inventor <i>(if any)</i> :	Shinji Yamashita		
Inventor's signature:				Date:	
Residence: (City & Sta	te/Country):	Tokyo/Japan		Citizenship:	Japan
Post Office Address:	52-7, Min Itabashi Tokyo 17: Japan				

RECEIVED

MAY 14 2001

PATENT (OUS)

uttornev

COMBINED DECLARATION AND POW (ORIGINAL, DESIGN, NATIONAL STAGE OF PCT)

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: OPTICAL FIBRE LASER

the specification of which

is attached hereto, or

Docket No. DYOUP0203US

[X] was filed as United States Application or PCT International Application (give Express Mail label number and deposit date if Application number not yet known):

Application No.:

(Express Mail Label No.) Filing Date:

(Deposit Date) Amended on (if applicable):

I hereby state that I have reviewed and understand the contents of the above identified specification including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 87, Code of Federal Regulations §1.56(a).

PRIORITY CLAIM

I hereby claim priority benefits under Title 35, United States Code, §119 of (i) any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed; and (ii) any United States provisional application(s) that is/are listed below.

[]	no such applications have been filed.
[X]	such applications have been filed as follows.

EARLIEST FOREIGN/PROVISIONAL APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

			PRIORITY CLAIMED		
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	Yes	No	
wo	PCT/GB99/01105	9 April 1999	х		
GB	9808265.4	17 April 1998	х		
	1.1				

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION					

RENNER, OTTO, BOISSELLE & SKLAR



As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Armand P. Boisselle, Reg. No. 22,381; Warren A. Sklar, Reg. No. 26,373; Don W. Bulson, Reg. No. 28,192 The undersigned to this declaration and power of attorney hereby authorizes the U.S. attorney(s) named herein to accept and follow instructions from

Authorized representative: D. Young & Co., Briton House, Briton Street, Southampton SO14 3EB, UNITED KINGDOM

as to any actions to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney(s) and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorney(s) will be so notified by the undersigned.

Send Correspondence To

Don W. Bulson, Esq. Renner, Otto, Boisselle & Sklar, LLP 1621 Euclid Ave., 19th Floor Cleveland, Ohio 44115

R:\FORM.MST\PATENT\Comb.Dec.&.Power (D-OUS-1).wpd D-OUS-1 (12/00)

Direct Telephone Calls To:

(name and telephone number)

Don W. Bulson

(216) 621-1113

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued therein.

Full Name of Sole or First Inventor: Richard Ian Laming					
Inventor's signature:			Date:		
Residence: (City & State/Country):		Edinburgh/United Kingdom	Citizenship:	United Kingdom	
Post Office Address:		ount View n EH10 6JL ngdom			

Full Name of Additional Joint Inventor (if any): Michael Nickolaos Zervas					•
Inventor's signature:				Date:	
Residence: (City & State/Country):		Hampshire/United Kingdom	gdom	Citizenship:	United Kingdom
Post Office Address:	Avenue F Southam	oton re SO14 0TP			HAY 14 2001 2800 MAIL RO

CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH FORM A PART OF THIS DECLARATION

[X]	Signature for additional joint inventors.
[]	Added page to combined declaration and power of attorney for divisional, continuation, o
	continuation-in-part (CIP) application.
r 1	This declaration ends with this page

RENNER, OTTO, BOISSELLE & SKLAR



RECEIVÉD

MAY 14 2001

ADDED PAGE TO COMBINED DECLARATION AND POWER OF ATTORNEY IL ROOM FOR SIGNATURE BY THIRD AND SUBSEQUENT INVENTORS

Full Name of Additional Joint Inventor (if any): Sze Yun Set								
Inventor's signature:	-		3	Date:				
Residence: (City & State	e/Country):	Tokyo/Japan		Citizenship:	Japan			
Post Office Address:	1-2-20-40 Minami Meguro-ki Tokyo 152 Japan	J						
Full Name of Add	Full Name of Additional Joint Inventor (if any): Morten Ibsen							
Inventor's signature:				Date:				
Residence: (City & Stat	e/Country):	Hampshire/United King	dom	Citizenship:	United Kingdom			
Post Office Address: 10 Summit Way Southampton Hampshire SO18 4ST United Kingdom					TC 1 00 WAIL ROOM			
Full Name of Add	itional Joi	nt Inventor (if any):	Eiland Ronneklei	v	1 2 0			
Inventor's signature:				Date:	RO			
Residence: (City & Sta	te/Country):	Trondheim/Norway		Citizenship	: Norway			
Post Office Address:	Sig. Jorsa N-7017 T Norway	alfars v. 23B rondheim						
		·	٠					
Full Name of Add	itional Joi	nt Inventor <i>(if any)</i> :	Shinji Yamashita					
Inventor's signature:		下 直司		Date:	04/04/200/			
Residence: (City & Sta	ite/Country):	Tokyo/Japan		Citizenship	: Japan			
Post Office Address:	52-7, Mir Itabashi Tokyo 17 Japan							





°² MAR 2001

CENTRE FOR ENTERPRISE AND INNOVATION

COMBINED DECLARATION AND POWER OF ATTORNEY
(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT)

PATENT (OUS)

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: OPTICAL FIBRE LASER

the specification of which

[] is attached hereto, or

[X] was filed as United States
Application or PCT International
Application (give Express Mail
label number and deposit date if
Application number not yet known):

Application No.:
(Express Mail Label No.)
Filing Date:
(Deposit Date)
Amended on (if applicable):

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56(a).

PRIORITY CLAIM

I hereby claim priority benefits under Title 35, United States Code, §119 of (i) any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a flying date before that of the application(s) of which priority is claimed; and (ii) any United States provisional application(s) that is/are listed below.

no such applications have been filed.such applications have been filed as follows.

EARLIEST FOREIGN/PROVISIONAL APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

			PRIORITY CLAIMED		
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	Yes	No	
wo	PCT/GB99/01105	9 April 1999	х		
GB	9808265.4	17 April 1998	x		

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Armand P. Boisselle, Reg. No. 22,381; Warren A. Sklar, Reg. No. 26,373; Don W. Bulson, Reg. No. 28,192

The undersigned to this declaration and power of attorney hereby authorizes the U.S. attorney(s) named herein to accept and follow instructions from

Authorized representative: D. Young & Co., Briton House, Briton Street, Southampton SO14 3EB, UNITED KINGDOM

as to any actions to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney(s) and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorney(s) will be so notified by the undersigned.

Send Correspondence To

Direct Telephone Calls To:

(name and telephone number)

Don W. Bulson, Esq. Renner, Otto, Boisselle & Sklar, LLP 1621 Euclid Ave., 19th Floor Cleveland, Ohio 44115

Don W. Bulson

(216) 621-1113

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued therein.

Full Name of Sole	or First Ir	ventor: Richard lan Laming		
Inventor's signature:			Date:	
Residence: (City & State/Country):		Edinburgh/United Kingdom	Citizenship:	United Kingdom
Post Office Address:		lount View n EH10 6JL ngdom		

Full Name of Add	itional Joi	nt Inventor <i>(if any)</i> :	Michael Nick	olaos Zervas	
Inventor's signature:				Date:	
Residence: (City & Sta	te/Country):	Hampshire/United Kir	ngdom	Citizenship:	United Kingdom
Post Office Address:	Avenue F Southam	pton re SO14 0TP			

CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH FORM A PART OF THIS DECLARATION

	Χl	Signature for additional joint inventors.
Ī	ĺ	Added page to combined declaration and power of attorney for divisional, continuation, or
٠		continuation-in-part (CIP) application.
ſ	1	This declaration ends with this page.

I his declaration ends with this page.

R:FORM.MST:PATENT:Comb.Dec.&.Power (D-OUS-1).wpd D-OUS-1 (12/00)

Full Name of Add	ilional son	it inventor (if any).	Sze full Set					
Inventor's signature:				Date:				
Residence: (City & Stat	e/Country):	Tokyo/Japan		Citizenship:	Japan			
Post Office Address: 1-2-20-401 Minami Meguro-ku Tokyo 152-0013 Japan								
	· ·	(
Full Name of Add	Full Name of Additional Joint Inventor (if any): Morten Ibsen							
Inventor's signature:			•	Date:				
Residence: (City & Stat	e/Country):	Hampshire/United King	jdom	Citizenship:	United Kingdom			
Post Office Address:	10 Summi Southamp Hampshire United Kir	oton e SO18 4ST						
	itional Joir	nt Inventor (if any):	Erland Ronneklei	+ Erlei	rd Rønnekleiv 23/2 -2001			
Inventor's signature:	E Ro	nekleur		Date:	23/2 -2001			
Residence: (City & Stat	te/Country):	Trondheim/Norway		Citizenship:	Norway			
Post Office Address:		lfars v. 23B rondheim No - 7052	TRONDHEIM					
	-							
Full Name of Add	Full Name of Additional Joint Inventor (if any): Shinji Yamashita							
Inventor's signature:				Date:				
Residence: (City & State	te/Country):	Tokyo/Japan	•	Citizenship:	Japan			
Post Office Address: 52-7, Minami-cho Itabashi Tokyo 173-0027 Japan								

RENNER, OTTO, BOISSELLE & SKLAR

MAY 0.7 2001 W

RECEIVED MAY 14 2001

TC 2800 MAIL ROOM

Attorney Docket No. <u>DYOUP0203US</u>

COMBINED DECLARATION AND POWER OF ATTORNEY
(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT)

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: OPTICAL FIBRE LASER

the specification of which

[] is attached hereto, or

[X] was filed as United States
Application or PCT International
Application (give Express Mail
label number and deposit date if
Application number not yet known):

Application No.:

(Express Mail Label No.)

09/688,688 October 16, 2000

Filing Date: (Deposit Date)

Amended on (if applicable):

, and the state of the state of

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 of Federal Regulations §1.56(a).

PRIORITY CLAIM

I hereby claim priority benefits under Title 35, United States Code, §119 of (i) any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating affects one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed; and (ii) any United States provisional application(s) that is/are listed below.

- [] no such applications have been filed.
- [X] such applications have been filed as follows.

EARLIEST FOREIGN/PROVISIONAL APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

			PRIORITY	PRIORITY CLAIMED		
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	Yes	No		
wo	PCT/GB99/01105	9 April 1999	х			
GB	9808265.4	17 April 1998	х			

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

RECEIVED

27 FEB 2001

CENTRE FOR ENTERPRISE AND INNOVATION

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Armand P. Boisselle, Reg. No. 22,381; Warren A. Sklar, Reg. No. 26,373; Don W. Bulson, Reg. No. 28,192 The undersigned to this declaration and power of attorney hereby authorizes the U.S. attorney(s) named herein to accept and follow instructions from

Authorized representative: D. Young & Co., Briton House, Briton Street, Southampton SO14 3EB, UNITED KINGDOM

as to any actions to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney(s) and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorney(s) will be so notified by the undersigned.

Send Correspondence To

Direct Telephone Calls To:

(name and telephone number)

Don W. Bulson, Esq. Renner, Otto, Boisselle & Sklar, LLP 1621 Euclid Ave., 19th Floor Cleveland, Ohio 44115

Don W. Bulson

(216) 621-1113

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued therein.

Allulty of the applied								
Full Name of Sole of First Inventor: Richard Ian Laming								
Inventor's signature:	hobos	d i	lans/	Dat	te:	<u> </u>	1	
Residence: (City & State		_	nburgh/United Kingdom	Citi	izenship:	l	nite	d Kingdom
Post Office Address:	6 Braid M Edinburgh United Ki	ı EH	10 6JL					

Eull Name of Add	itional Joi	nt Inventor (if any):	Michael Nicko	laos Zervas	
	I I I I I I I I I I I I I I I I I I I			Date:	
Inventor's signature:	<u> </u>	Hampshire/United Kir	nadom	Citizenship:	United Kingdom
Residence: (City & Stat	te/Country):	Hampshire/Onited Kir	1940111		
Post Office Address:	Avenue F Southam	pton re SO14 0TP			

CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH FORM A PART OF THIS DECLARATION

	Signature for additional joint inventors. Added page to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (CIP) application.
1 1	This declaration ends with this page.

R:FORM.MSTPATENT/Comb.Dec.&.Power (D-OUS-1).wpd D-OUS-1 (12/00)

Full Name of Addi	tional loin	t Inventor (if anv): Sze Yun	Set .		
Inventor's signature:	uonai Joh	t inventor (ii any).	Date	:	
Residence: (City & State	e/Country):	Tokyo/Japan	Citize	enship:	Japan
Post Office Address:	1-2-20-40 Minami Meguro-ki Tokyo 152 Japan	l I			
Full Name of Addi	tional Joir	t Inventor (if any): Morten		— Т	
Inventor's signature:			Date	:	
Residence: (City & State	e/Country):	Hampshire/United Kingdom	Citiz	enship:	United Kingdom
Post Office Address:	10 Summ Southamp Hampshir United Kir	ton e SO18 4ST			
		All the Company Colonial Colonia Colonial Colonial Coloni	2 a maldair		
-	itional Joii	nt Inventor (if any): Erland F	Ronnekleiv	. T	
Inventor's signature:					T
Residence: (City & Stat	e/Country):	Trondheim/Norway	Citiz	enship:	Norway
Post Office Address:	Sig. Jorsa N-7017 T Norway	lfars v. 23B rondheim			
					
Full Name of Add	itional Joi	nt Inventor (if any): Shinji Ya	amashita		
Inventor's signature:			Date	e:	
Residence: (City & State/Country):		Tokyo/Japan	Citiz	enship.	Japan
Post Office Address:	52-7, Min Itabashi Tokyo 17 Japan				

RENNER, OTTO, BOISSELLE & SKLAR

Attorney Docket No. <u>DYOUP0203US</u>



RECEIVED

COMBINED DECLARATION AND POWER OF ATTORNEY 800 MAIL ROOM
(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT)

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention of the subject matter

Title: OPTICAL FIBRE LASER

the specification of which

[] is attached hereto, or

[X] was filed as United States
Application or PCT International
Application (give Express Mail

label number and deposit date if Application number not yet known):

Application No.: 09/688,688

= 9 MAR 2001

(Express Mail Label No. Filing Date:

ORDER

DIARY

RECD

SOTON

October 16, 2000

(Deposit Date)

Amended on (if applicable):

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations §1.56(a).

PRIORITY CLAIM

I hereby claim priority benefits under Title 35, United States Code, §119 of (i) any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed; and (ii) any United States provisional application(s) that is/are listed below.

ſ	1	no such	applications	havo	hoon	filad
Ł		HO SUCH	applications	Have	been	mea.

[X] such applications have been filed as follows.

EARLIEST FOREIGN/PROVISIONAL APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

			PRIORITY CLAIMED	
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	Yes	No
wo	PCT/GB99/01105	9 April 1999	х	
GB	9808265.4	17 April 1998	х	-

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

•	

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Armand P. Boisselle, Reg. No. 22,381; Warren A. Sklar, Reg. No. 26,373; Don W. Bulson, Reg. No. 28,192

The undersigned to this declaration and power of attorney hereby authorizes the U.S. attorney(s) named herein to accept and follow instructions from

Authorized representative: D. Young & Co., Briton House, Briton Street, Southampton SO14 3EB, UNITED KINGDOM

as to any actions to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney(s) and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorney(s) will be so notified by the undersigned.

Send Correspondence To

Don W. Bulson, Esq. Renner, Otto, Boisselle & Sklar, LLP 1621 Euclid Ave., 19th Floor Cleveland, Ohio 44115

Direct Telephone Calls To:

(name and telephone number)

Don W. Bulson

(216) 621-1113

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued therein.

Full Name of Sole	or First Ir	ventor: Richard lan Laming		
Inventor's signature:			Date:	
Residence: (City & State/Country):		Edinburgh/United Kingdom	Citizenship:	United Kingdom
		ount View n EH10 6JL ngdom		

Full Name of Add	Full Name of Additional Joint Inventor (if any): Michael Nickolaos Zervas					
Inventor's signature:				Date:		
Residence: (City & Sta	ite/Country):	Hampshire/United Kin	ıgdom	Citizenship:	United Kingdom	
Post Office Address:	Avenue F Southam	pton re SO14 0TP				

CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH FORM A PART OF THIS DECLARATION

[X]	Signature for additional joint inventors.
	Added page to combined declaration and power of attorney for divisional, continuation, or
	continuation-in-part (CIP) application.
	This declaration ends with this page.
R:\FORM.M	ST/PATENT/Comb.Dec.&.Power (D-OUS-1).wpd D-OUS-1 (12/00)

Attorney Docket No. <u>DYOUP0203US</u>

PATENT (OUS)

COMBINED DECLARATION AND POWER OF ATTORNEY (ORIGINAL, DESIGN, NATIONAL STAGE OF PCT)

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention (Antitied:

Title:	OPTIC	AL FIBRE LASER	ORDER DIARY	
the spe	cificatio	n of which	RECD 7 MAN	tone
	[]	is attached hereto, or	RECD SOTON - 7 MAI	(2001
	[X]	was filed as United States Application or PCT International Application (give Express Mail label number and deposit date if Application number not yet known):	Application (No.: (Express Mail Label No.) Filing Date: (Deposit Date) Amended on (if applicable):	09/686,688 October 16, 2000

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56(a).

PRIORITY CLAIM

I hereby claim priority benefits under Title 35, United States Code, §119 of (i) any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed; and (ii) any United States provisional application(s) that is/are listed below.

l l	no such applications have been filed.
[X]	such applications have been filed as follows

EARLIEST FOREIGN/PROVISIONAL APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

COUNTRY	ACCULATIONALIMATE		PRIORITY CLAIMED		
	APPLICATION NUMBER	DATE OF FILING (day, month, year)	Yes	No	
wo	PCT/GB99/01105	9 April 1999	×		
GB	9808265.4	17 April 1998	x		

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Armand P. Boisselle, Reg. No. 22,381; Warren A. Sklar, Reg. No. 26,373; Don W. Bulson, Reg. No. 28,192

The undersigned to this declaration and power of attorney hereby authorizes the U.S. attorney(s) named herein to accept and follow instructions from

Authorized representative: D. Young & Co., Briton House, Briton Street, Southampton SO14 3EB, UNITED KINGDOM

as to any actions to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney(s) and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorney(s) will be so notified by the undersigned.

S nd Correspondence To

Don W. Bulson, Esq. Renner, Otto, Boisselle & Sklar, LLP 1621 Euclid Ave., 19th Floor Cleveland, Ohio 44115

Direct Telephone Calls To:

(name and telephone number)

Don W. Bulson

(216) 621-1113

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued therein.

Full Name of Sole	or First In	nventor: Richard Ian Laming		
Inv ntor's signature:			Date:	
Residence: (City & State/Country):		Edinburgh/United Kingdom	Citizenship:	United Kingdom
Post Office Address:		lount View h EH10 6JL ngdom	-	

Full Name of Additional Joint Inventor (if any): Michael Nickolaos Zervas					
Inventor's signature:			Date:		
Residence: (City & Sta	te/Country):	Hampshire/United Kingdom	Citizenship:	United Kingdom	
Post Office Address:	Avenue F Southam	pton re SO14 0TP		energy of the second	

CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH FORM A PART OF THIS DECLARATION

[X]	Signature for additional joint inv ntors.
	Added page to combined declaration and power of attorney for divisional, continuation, or
	continuation-in-part (CIP) application.

[] This declaration ends with this page. R:FORM.MSTPATENT\Comb.Dec.&.Power (D-OUS-1).wpd D-OUS-1 (12/00)

Full Name of Addi	tional Join	t Inventor (ii	f any):	Sze Yun Set		
Inventor's signature:	SA)	GT			Date:	23/2/2001
Residence: (City & State	e/Country):	Tokyo/Japai	n		Citizenship:	Japan Makysia
Post Office Address:	1-2-20-40 Minami Meguro-ku Tokyo 152 Japan	J	3-8-3 Ki Edogawa- Tokyo 134 Japan	takasai Ku 0081 Sy	's	
Full Name of Addi	tional Join	t Inventor (i	f any):	Morten Ibsen		
Inventor's signature:	In	M-			Date:	6/3/2001
Residence: (City & State	e/Country):	Hampshire/	United Kingdo	m	Citizenship:	United Kingdom
Post Office Address:	10 Summi Scuthamp Hampshire United Kin	nton e SO18 4ST	5 Cobe Bond R Southa United	len Heights oad myton 5018 Kungdom	116	DAMISH
Full Name of Add	itional Join	nt !nventor (i	f any):	Erland Ronneklei	v	
Inventor's signature:					Date:	
Residence: (City & Stat	e/Country):	Trondheim/	Norway		Citizenship:	Norway
Post Office Address:	Sig. Jorsa N-7017 Ti Norway	ilfars v. 23B rondheim				·
		- · · ·		_		
Full Name of Add	itional Joir	nt Inventor <i>(i</i>	f any):	Shinji Yamashita		
Inventor's signature:					Date:	
Residence: (City & State	te/Country):	Tokyo/Japa	n		Citizenship:	Japan
Post Office Address:	52-7, Mina Itabashi Tokyo 17: Japan					

Attorney Docket No. <u>DYOUP0203US</u>

PATENT (OUS)

COMBINED DECLARATION AND POWER OF ATTORNEY (ORIGINAL, DESIGN, NATIONAL STAGE OF PCT)

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: OPTICAL FIBRE LASER

the specification of which

[] is attached hereto, or

[X] was filed as United States
Application or PCT International
Application (give Express Mail

Application of PCT International Application (give Express Mail label number and deposit date if Application number not yet known):

Application No.:

(Express Mail Label No.)

Filing Date: (Deposit Date)

Amended on (if applicable):

....09/688,688

October 16, 2000

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56(a).

PRIORITY CLAIM

I hereby claim priority benefits under Title 35, United States Code, §119 of (i) any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed; and (ii) any United States provisional application(s) that is/are listed below.

	no such applications have been filed.
[X]	such applications have been filed as follows

EARLIEST FOREIGN/PROVISIONAL APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

COUNTRY	APRI ICATION NI MARE		PRIORITY CLAIMED	
	APPLICATION NUMBER	DATE OF FILING (day, month, year)	Yes	No
wo	PCT/GB99/01105	9 April 1999	x	
GB	9808265.4	17 April 1998	x	
			1	

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

EC	EN	Æ	D	

27 FEB ? 2001

CENTRE FOR ENTERPRISE
AND INNOVATION

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Armand P. Boisselle, Reg. No. 22,381; Warren A. Sklar, Reg. No. 26,373; Don W. Bulson, Reg. No. 28,192 The undersigned to this declaration and power of attorney hereby authorizes the U.S. attorney(s) named herein to accept and follow instructions from

Authorized representative: D. Young & Co., Briton House, Briton Street, Southampton SO14 3EB, UNITED KINGDOM

as to any actions to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney(s) and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorney(s) will be so notified by the undersigned.

Send Correspondence To

Don W. Bulson, Esq. Renner, Otto, Boisselle & Sklar, LLP 1621 Euclid Ave., 19th Floor Cleveland, Ohio 44115

Direct Telephone Calls To:

(name and telephone number)

Don W. Bulson

(216) 621-1113

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued therein.

Full Name of Sole	or First In	ventor: Richard Ian Laming			
Inventor's signature:		Date:			
Residence: (City & State/Country):		Edinburgh/United Kingdom	Citizenship:	United Kingdom	
Post Office Address: 6 Braid Mount View Edinburgh EH10 6JL United Kingdom		EH10 6JL		ranco de legações es	

Full Name of Additional Joint Inventor (if any): Michael Nickolaos Zervas					
Inv ntor's signature:		-MEDD2	Date:	23	02 01
Residence: (City & State	ite/Country):	Hampshire/United Kingdom	Citizenship:	<u> </u>	reece
Post Office Address:	Avenue R Southamp	pton re SO14 0TP	The state of the same of		yangsa makada "

CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH FORM A PART OF THIS DECLARATION

[7]	Signature for additional joint inventors	S.
[]	Added page to combined declaration	

Added page to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (CIP) application.

This declaration ends with this page. R IFORM MST/PATENT/Comb Dec & Power (D-OUS-1) wpd D-OUS-1 (12/00)

Full Name of Ad	ditional Joi	nt Inventor (if any):	Sze Yun Set	• • • • • • • • • • • • • • • • • • • •	The state of the s
Inventor's signature:				Date:	
Residence: (City & St	ate/Country):	Tokyo/Japan		Citizenship	: Japan
Post Office Address:	1-2-20-40 Minami Meguro-k Tokyo 15 Japan	:u			
Full Name of Add	litional Joi	nt Inventor <i>(if any)</i> :	Morten Ibsen		
Inventor's signature:		it involues (in uniy).	Worten ibsen		
-	4-/04->:	11		Date:	
Residence: (City & Sta	te/Country):	Hampshire/United Kin	gdom	Citizenship:	United Kingdom
	10 Summ Southamp Hampshire United Kin	oton SO18 4ST			
Full Name of Add	itional Join	t Inventor <i>(if any)</i> :	Erland Ronnel	kleiv	
Inventor's signature:				Date:	
Residence: (City & Sta	e/Country):	Trondheim/Norway		Citizenship:	Norway
Post Office Address:	Sig. Jorsal N-7017 Tre Norway	fars v. 23B ondheim			
Full Name of Add	tional Join	t Inventor <i>(if any)</i> :	Shinji Yamash	ita	
Inventor's signature:				Date:	
Residence: (City & Stat	e/Country);	Tokyo/Japan		Citizenship:	Japan
Post Office Address:	52-7, Mina Itabashi Tokyo 173 Japan				

Attorney Docket No. <u>DYOUP0203US</u>

PATENT (OUS)

COMBINED DECLARATION AND POWER OF ATTORNEY (ORIGINAL, DESIGN, NATIONAL STAGE OF PCT)

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

OPTICAL FIBRE LASER

the specification of which

is attached hereto, or

[X] was filed as United States

Application or PCT International Application (give Express Mail

label number and deposit date if

Application number not yet known):

Application No.:

(Express Mail Label No.)

Filing Date:

(Deposit Date)

Amended on (if applicable):

09/688,688

October 16, 2000

! hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56(a).

PRIORITY CLAIM

I hereby claim priority benefits under Title 35, United States Code, §119 of (i) any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed; and (ii) any United States provisional application(s) that is/are listed below.

	no such applications have been filed.
[X]	such applications have been filed as follows

EARLIEST FOREIGN/PROVISIONAL AP&LICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

COUNTRY	APPLICATION NUMBER		PRIORITY CLAIMED		
	A FEIGATION NOMBER	DATE OF FILING (day, month, year)	Yes	No	
wo	PCT/GB99/01105	9 April 1999	×		
GB	9808265.4	17 April 1998	x		
			 		

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Armand P. Boisselle, Reg. No. 22,381; Warren A. Sklar, Reg. No. 26,373; Don W. Bulson, Reg. No. 28,192 The undersigned to this declaration and power of attorney hereby authorizes the U.S. attorney(s) named herein to accept and follow instructions from

Authorized representative: D. Young & Co., Briton House, Briton Street, Southampton SO14 3EB, UNITED KINGDOM

as to any actions to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney(s) and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorney(s) will be so notified by the undersigned.

S nd Correspondence To

Direct Telephone Calls To:

(name and telephone number)

Don W. Bulson, Esq. Renner, Otto, Boisselle & Sklar, LLP 1621 Euclid Ave., 19th Floor Cleveland, Ohio 44115

Don W. Bulson

(216) 621-1113

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued therein.

Full Name of Sol	e or First Ir	nventor: Richard Ian Laming		
Inventor's signature:		- Land Land	15	
Residence: (City & Carry 10		E-P-1	Date:	
		Edinburgh/United Kingdom	Citizenship:	United Kingdom
		1 EH10 6JL		
	United Kin	ıgdom	· 	-

Inventor's signature:		nt Inventor (if any): Michael N	lickolaos Zervas	
	L		Date:	
Residence: (City & Star Post Office Address:	te/Country):	Hampshire/United Kingdom	Citizenship:	United Kingdom
Total Cilico Address:	Avenue R Southam	oton e SO14 0TP		The same same of a second

CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH FORM A PART OF THIS DECLARATION

[]	Signature for additional joint inventors. Added page to combined declaration and power of attorney for division continuation-in-part (CIP) application. This declaration ends with this page. M.MSTPATENTICOMB.Dec. 8. Power (D-OUS-1).wpd D-OUS-1 (12/00)	nal, continuation, or

					129 may .	
	ditional Joi	nt Inventor (if any):	Sze Yun Set			
Inventor's signature:				Date:		
Residence: (City & State/Country):		Tokyo/Japan		Citizenship:	Japan	
Post Office Address:	1-2-20-40 Minami Meguro-k Tokyo 152 Japan	u				
Full Name of Add	litional Join	it Inventor <i>(if any)</i> :	Morten Ibsen			
Inventor's signature:				Date:		
Residence: (City & State/Country):		Hampshire/United King	gdom	Citizenship:	United Kingdom	
Post Office Address: 10 Summit Way Southampton Hampshire SO18 4ST United Kingdom						
Full Name of Add	itional Join	t Inventor <i>(if any)</i> :	Eriand Ronneklei			
Inventor's signature:			Litaria Horinekiel	Date:		
Residence: (City & State/Country):		Trondheim/Norway		Citizenship:	Norway	
Post Office Address:	Sig. Jorsali N-7017 Tro Norway		rice in the second seco			
Full Name of Addi	tional Joint	Inventor (if any):	Shinji Yamashita			
Inventor's signature:	مل	下首司		Date: (1005/200/	
Residence: (City & State	e/Country):	Tokyo/Japan		Citizenship:	Japan	
Post Office Address:	52-7, Minar Itabashi Tokyo 173- Japan					